



SEQUENCE LISTING

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Mack, David
Gish, Kurt C.
Wilson, Keith E.

<120> NOVEL METHODS OF DIAGNOSIS OF PROSTATE AND/OR BREAST CANCER, COMPOSITIONS
, AND METHODS OF SCREENING FOR PROSTATE CANCER AND/OR BREAST CANCER MODULATORS

<130> A-69199-1/DJB/JJD/AMS

<140> US 09/847,046
<141> 2001-04-30

<150> US 09/733,288
<151> 2000-12-08

<150> US 09/687,576
<151> 2000-10-13

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<170> PatentIn version 3.1

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 35 40 45

Glu Ala Val Arg Pro Leu Gln Asp Tyr Gly Ile Ser Val Ala Lys Val
 50 55 60

Asn Cys Val Lys Glu Glu Ile Ser Arg Tyr Cys Gly Lys Glu Lys Asp
 65 70 75 80

Leu Met Lys Ala Tyr Leu Phe Lys Gly Asn Ile Leu Leu Arg Glu Phe
 85 90 95

Pro Thr Asp Thr Leu Phe Asp Val Asn Ala Ile Val Ala His Val Leu
 100 105 110

Phe Ala Leu Leu Phe Ser Glu Val Lys Tyr Ile Thr Asn Leu Glu Asp
 115 120 125

Leu Gln Asn Ile Glu Asn Ala Leu Lys Gly Lys Ala Asn Ile Ile Phe
 130 135 140

Ser Tyr Val Arg Ala Ile Gly Ile Pro Glu His Arg Ala Val Met Glu
 145 150 155 160

Ala Gly Phe Val Tyr Gly Thr Thr Tyr Gln Phe Val Leu Thr Thr Glu

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Ile Ala Leu Leu Glu Ser Ile Gly Ser Glu Asp Val Glu Tyr Ala His 180	185	190
Leu Tyr Phe Phe His Cys Lys Leu Val Leu Asp Leu Thr Gln Gln Cys 195	200	205
Arg Arg Thr Leu Met Glu Gln Pro Leu Thr Thr Leu Asn Ile His Leu 210	215	220
Phe Ile Lys Thr Met Lys Ala Pro Leu Leu Thr Glu Val Ala Glu Asp 225	230	235
Pro Gln Gln Val Ser Thr Val His Leu Gln Leu Gly Leu Pro Leu Val 245	250	255
Phe Ile Val Ser Gln Gln Ala Thr Tyr Glu Ala Asp Arg Arg Thr Ala 260	265	270
Glu Trp Val Ala Trp Arg Leu Leu Gly Lys Ala Gly Val Leu Leu Leu 275	280	285
Leu Arg Asp Ser Leu Glu Val Asn Ile Pro Gln Asp Ala Asn Val Val 290	295	300
Phe Lys Arg Ala Glu Glu Gly Val Pro Val Glu Phe Leu Val Leu His 305	310	315
Asp Val Asp Leu Ile Ile Ser His Val Glu Asn Asn Met His Ile Glu 325	330	335
Glu Ile Gln Glu Asp Glu Asp Asn Asp Met Glu Gly Pro Asp Ile Asp 340	345	350
Val Gln Asp Asp Glu Val Ala Glu Thr Val Phe Arg Asp Arg Lys Arg 355	360	365
Lys Leu Pro Leu Glu Leu Thr Val Glu Leu Thr Glu Glu Thr Phe Asn 370	375	380
Ala Thr Val Met Ala Ser Asp Ser Ile Val Leu Phe Tyr Ala Gly Trp 385	390	395
		400

Gln Ala Val Ser Met Ala Phe Leu Gln Ser Tyr Ile Asp Val Ala Val
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Lys Leu Lys Gly Thr Ser Thr Met Leu Leu Thr Arg Ile Asn Cys Ala
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Asp Trp Ser Asp Val Cys Thr Lys Gln Asn Val Thr Glu Phe Pro Ile
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Ile Lys Met Tyr Lys Lys Gly Glu Asn Pro Val Ser Tyr Ala Gly Met
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Leu Gly Thr Lys Asp Leu Leu Lys Phe Ile Gln Leu Asn Arg Ile Ser
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Tyr Pro Val Asn Ile Thr Ser Ile Gln Glu Ala Glu Glu Tyr Leu Ser
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Gly Glu Leu Tyr Lys Asp Leu Ile Leu Tyr Ser Ser Val Ser Val Leu
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Gly Leu Phe Ser Pro Thr Met Lys Thr Ala Lys Glu Asp Phe Ser Glu
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Ala Gly Asn Tyr Leu Lys Gly Tyr Val Ile Thr Gly Ile Tyr Ser Glu
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Leu Leu Leu Ala Arg His Thr Glu Gly Lys Ile Glu Ser Ile Pro Leu
 565 570 575

Ala Ser Thr His Ala Gln Asp Ile Val Gln Ile Ile Thr Asp Ala Leu
 580 585 590

Leu Glu Met Phe Pro Glu Ile Thr Val Glu Asn Leu Pro Ser Tyr Phe
 595 600 605

Arg Leu Gln Lys Pro Leu Leu Ile Leu Phe Ser Asp Gly Thr Val Asn
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Pro Gln Tyr Lys Lys Ala Ile Leu Thr Leu Val Lys Gln Lys Tyr Leu

625 630 635 640

Asp Ser Phe Thr Pro Cys Trp Leu Asn Leu Lys Asn Thr Pro Val Gly
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Arg Gly Ile Leu Arg Ala Tyr Phe Asp Pro Leu Pro Pro Leu Pro Leu
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Leu Val Leu Val Asn Leu His Ser Gly Gly Gln Val Phe Ala Phe Pro
675 680 685

Ser Asp Gln Ala Ile Ile Glu Glu Asn Leu Val Leu Trp Leu Lys Lys
690 695 700

Leu Glu Ala Gly Leu Glu Asn His Ile Thr Ile Leu Pro Ala Gln Glu
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Trp Lys Pro Pro Leu Pro Ala Tyr Asp Phe Leu Ser Met Ile Asp Ala
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Ala Thr Ser Gln Arg Gly Thr Arg Lys Val Pro Lys Cys Met Lys Glu
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755 760 765

Val Arg Lys Glu Pro Ile Glu Thr Leu Arg Ile Lys His Trp Asn Arg
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Leu Gly Cys Ser Lys Val Asn
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<223> "Xaa" at position 3 can be any amino acid.

<400> 3

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2 cond
